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(54) GLP-1 DERIVATIVE

(57)Abstract:

PROBLEM TO BE SOLVED: To delay an action profile of GLP-1.

SOLUTION: The objective substance is a GLP-1 derivative and its analog having an oleophilic substituent added to at least one amino acid residue of the parent peptide. When the substance has only one oleophilic substituent and the substituent is added to the N-terminal or C-terminal amino acid residue of the parent peptide, the substituent is a group having alkyl or  $\omega$ -carboxylic acid group. The derivative especially has a physiological property of slow action profile compared with GLP-1 (7-37).